

**Please delete the present Abstract of the Disclosure.**

**Please add the following new Abstract of the Disclosure:**

A recovery chamber recovers nanocarbons generated in a generation chamber. A spray is provided at the recovery chamber to spray a into the recovery chamber. The bottom of the recovery chamber may be inclined. A scraping unit may be disposed in the recovery chamber for scraping up and recovering the carbon nanohorn assemblies (117) deposited on the bottom of the nanocarbon recovery chamber.